# ISO 1496-2:2008-07 (E)

## Series 1 freight containers - Specification and testing - Part 2: Thermal containers

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 1

4 Classification ..... 3

5 Marking ..... 3

6 Dimensions and ratings ..... 3

7 Design requirements ..... 5

8 Testing ..... 9

9 Electrical aspects of thermal containers ..... 24

Annex A (normative) Diagrammatic representation of capabilities appropriate to all types and sizes of thermal containers, except where otherwise stated ..... 27

Annex B (normative) Details of requirements for load-transfer areas in base structures of containers ..... 33

Annex C (normative) Dimensions of fork-lift pockets (where provided) ..... 40

Annex D (normative) Dimensions of gooseneck tunnels (where provided) ..... 42

Annex E (normative) Cooling water connections ..... 43

Annex F (normative) Air inlets and outlets ..... 46

Annex G (normative) Mounting of clip-on units ..... 51

Annex H (normative) Air temperature measurement points ..... 54

Annex I (normative) Steady-state conditions for heat leakage test (Test No. 14) ..... 56

Annex J (normative) Phase connections to container plugs and sockets ..... 57

Annex K (normative) Electric plug and socket, four-pin, 380/440 V, 50/60 Hz, 32 A ..... 58

Annex L (normative) Electrical power supplies for thermal containers (9.2) ..... 62

Annex M (normative) General requirements for 220 volt and dual voltage equipment ..... 63

Annex N (informative) Conversion of SI units to non-SI units ..... 64

Bibliography ..... 65